

FIG. 1

202

ADC Loop Resistance/Loss Calculator

File Edit Type of Service Customer Clear Language Help

LoopStar/HiGain T1 over HSDL2

RMR: (35 dB): 216 35 Unit of Measure: 218 kilofeet

Cable Lengths (Kft) 204

CO Wiring: 0.25

CP Wiring: 0.05

DC Loop Res. [Ohms]

CO: 12.98

CP: 2.60

Cable Loss [dB]

CO: 0.71

CP: 0.14

Span 1 206

Cable Type: PIC 210

Temperature: 68° F/20° C - Underground 212

Span Cable Lengths [Kft]

26 AWG (.40mm) 0

24 AWG (.51mm) 0

22 AWG (.64mm) 0

19 AWG (.91mm) 0

18 AWG (1.0mm) 0

17 AWG (1.2mm) 0

Cable Gauge Changes: 0

Bridge Tap 209

Span Length: 0.000 214

DC Loop Res. [Ohms]

0.00

0.00

0.00

0.00

0.00

0.00

0.00

ADC

Span Resistance: 224 15.57

Cable Loss [dB]

0.00

0.00

0.00

0.00

0.00

0.00

0.00

Gauge Change: 0.00

Bridged Tap: 0.00

Span Loss: 0.85 226

Total Circuit Parameters

Length: 0.300 Res: 15.57 Loss: 0.85

200

FIG. 2

BridgeTap

If bridge tap is < 1.5 kft from either CO or RT location, choose the nearest location below to identify the bridge tap.

	Bridge Tap 1	Bridge Tap 2	Bridge Tap 3	Bridge Tap 4
Bridge Tap Length Unknown	<input type="checkbox"/> <div>302</div>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bridge Tap Length Unknown	<div>304</div> <div>26(40)-PIC</div> <div>▼</div>	<div>26(40)-PIC</div> <div>▼</div>	<div>26(40)-PIC</div> <div>▼</div>	<div>26(40)-PIC</div> <div>▼</div>
Bridge Tap Length (kft)	<div>306</div> <div>0</div>	<div>0</div>	<div>0</div>	<div>0</div>
Location	<div>308</div> <div>From CO</div> <div>▼</div>	<div>From CO</div> <div>▼</div>	<div>From CO</div> <div>▼</div>	<div>From CO</div> <div>▼</div>
Distance 25 AWG Equivalent from Location (kft)	<div>310</div> <div>0</div>	<div>0</div>	<div>0</div>	<div>0</div>

OK

Clear



333

4 / 5

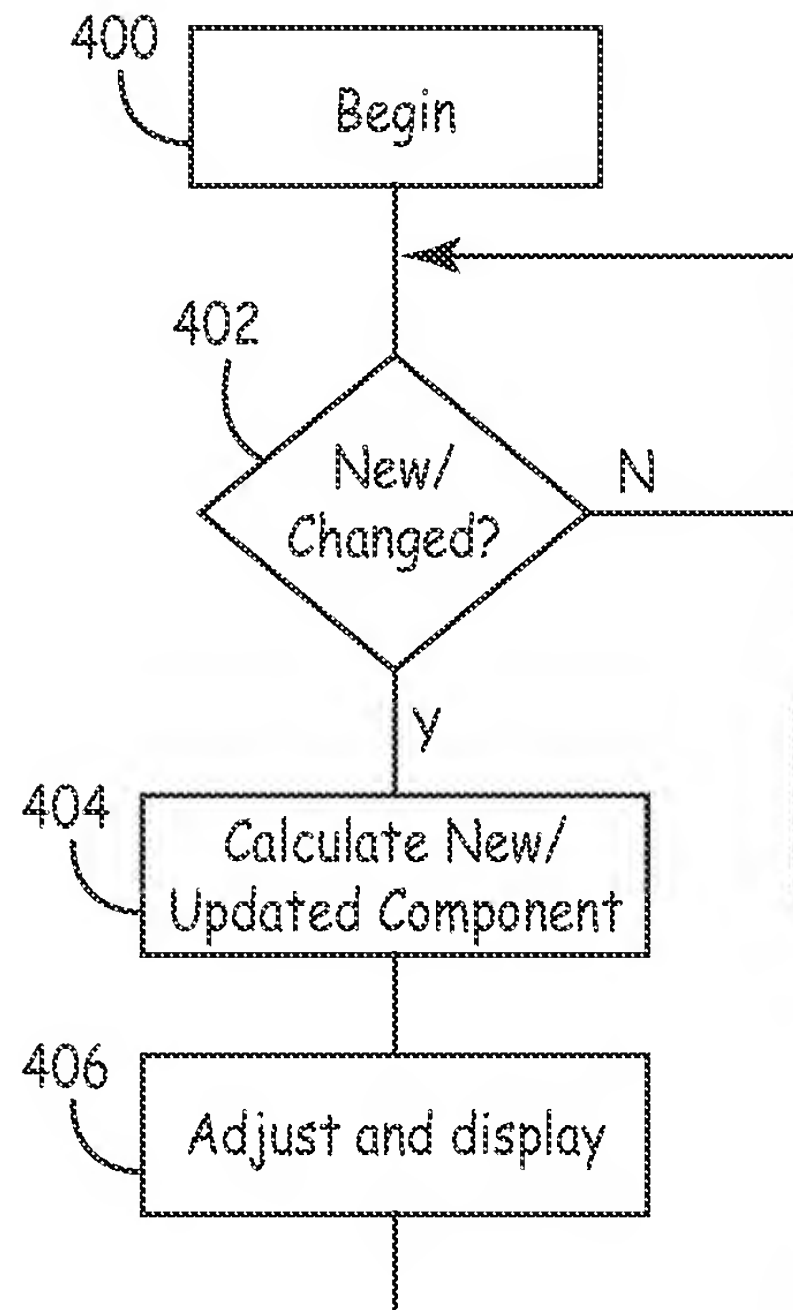


FIG. 4

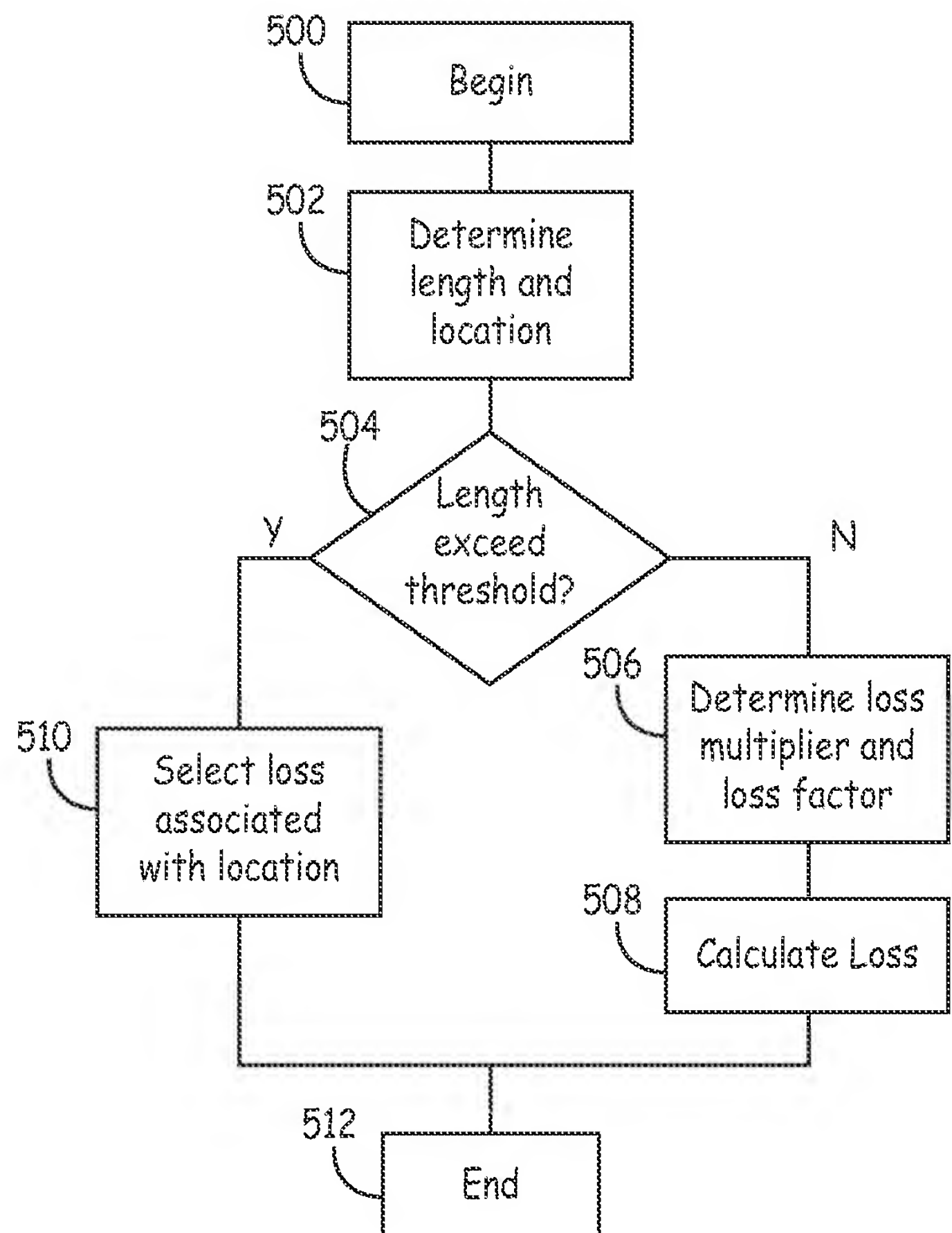


FIG. 5

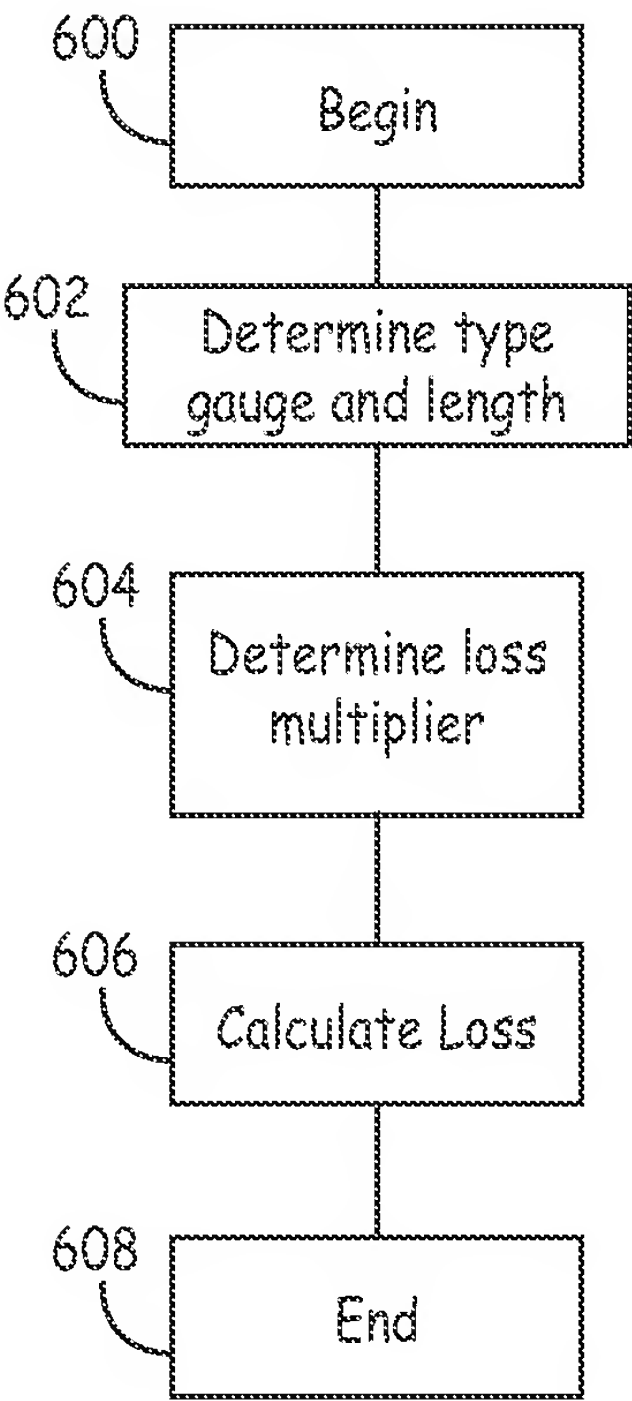


FIG. 6

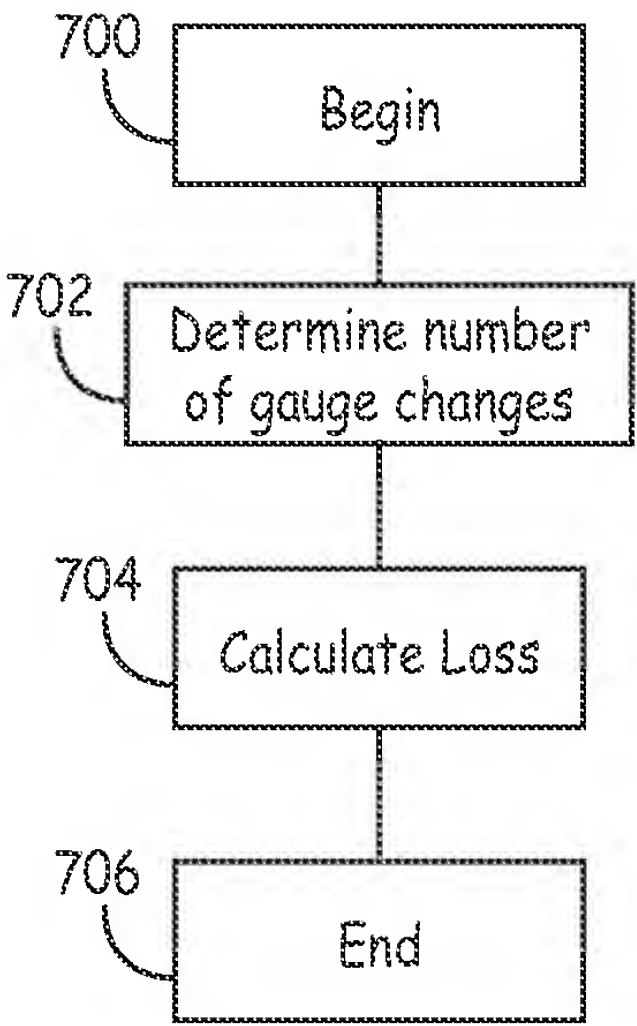


FIG. 7